

Name: _____

Agricultural Machinery**Directions:**

Evaluate the student by checking the appropriate number or letter to indicate the degree of competency. The rating for each task should reflect **employability readiness** rather than the grades given in class.

Rating Scale:

- 3 Mastered** – can work independently with no supervision
2 Requires Supervision – can perform job completely with limited supervision
1 Not Mastered – requires instruction and close supervision
N No Exposure – no experience or knowledge in this area

NOTE: The code in parentheses is the competency identification number used in computerized management systems.

NOTE: All competencies involving safety require a Number 3 rating.

3	2	1	N	
				The student has mastered the related competencies of Agricultural Science I and II.

3	2	1	N	A. Following Safety Procedures	Notes:
				1. Demonstrate safe machinery operation practices (A001)	
				2. Demonstrate safe procedures for servicing, repairing, calibrating and adjusting agricultural machinery (A002)	
				Other:	

3	2	1	N	B. Operating and Maintaining Power Units	Notes:
				1. Demonstrate the uses of machinery operator manuals (B001)	
				2. Size and select unit (B002)	
				3. Service and repair unit (B003)	
				4. Calibrate and adjust unit (B004)	
				5. Check and service charging and starting systems (B005)	
				6. Check and service comfort systems (B006)	
				7. Check and service hydraulic systems (B007)	
				8. List steps to prepare machinery for post season storage (B008)	
				9. List steps to follow after removing machinery from post season storage (B009)	
				10. Explain principles of hitching and ballasting (B010)	
				Other:	

3	2	1	N	C. Operating and Maintaining Primary Tillage Equipment	Notes:
				1. Demonstrate the uses of machinery operator manuals (C001)	
				2. Size and select equipment (C002)	
				3. Service and repair equipment (C003)	

				4. Calibrate and adjust equipment (C004)	
				5. List steps to prepare machinery for post season storage (C005)	
				6. List steps to follow after removing machinery from post season storage (C006)	
				7. Explain principles of hitching and ballasting (C007)	
				Other:	

3	2	1	N	D. Operating and Maintaining Secondary Tillage Equipment	Notes:
				1. Demonstrate the uses of machinery operator manuals (D001)	
				2. Size and select equipment (D002)	
				3. Service and repair equipment (D003)	
				4. Calibrate and adjust equipment (D004)	
				5. List steps to prepare machinery for post season storage (D005)	
				6. List steps to follow after removing machinery from post season storage (D006)	
				7. Explain principles of hitching and ballasting (D007)	
				Other:	

3	2	1	N	E. Operating and Maintaining Planting Equipment	Notes:
				1. Demonstrate the uses of machinery operator manuals (E001)	
				2. Size and select equipment (E002)	
				3. Service and repair equipment (E003)	
				4. Calibrate and adjust equipment (E004)	
				5. List steps to prepare machinery for post season storage (E006)	
				6. List steps to follow after removing machinery from post season storage (E006)	
				7. Explain principles of hitching and ballasting (E007)	
				Other:	

3	2	1	N	F. Operating and Maintaining Chemical Applicators	Notes:
				1. Demonstrate the uses of machinery operator manuals (F001)	
				2. Size and select applicator (F002)	
				3. Service and repair applicator (F003)	
				4. Calibrate and adjust applicator (F004)	

				5. List steps to prepare machinery for post season storage (F005)	
				6. List steps to follow after removing machinery from post season storage (F006)	
				7. Explain principles of hitching and ballasting (F007)	
				Other:	

3	2	1	N	G. Operating and Maintaining Harvesting Equipment	Notes:
				1. Demonstrate the uses of machinery operator manuals (G001)	
				2. Size and select equipment (G002)	
				3. Service and repair equipment (G003)	
				4. Calibrate and adjust equipment (G004)	
				5. List steps to prepare machinery for post season storage (G005)	
				6. List steps to follow after removing machinery from post season storage (G006)	
				7. Explain principles of hitching and ballasting (G007)	
				Other:	

3	2	1	N	H. Operating and Maintaining Materials and Handling Equipment	Notes:
				1. Demonstrate the uses of machinery operator manuals (H001)	
				2. Size and select equipment (H002)	
				3. Service and repair equipment (H003)	
				4. Calibrate and adjust equipment (H004)	
				5. List steps to prepare machinery for post season storage (H005)	
				6. List steps to follow after removing machinery from post season storage (H006)	
				7. Explain principles of hitching and ballasting (H007)	
				Other:	

3	2	1	N	Leadership & Personal Development for Advanced Students (Leadership Duty C)	Notes:
				1. Develop a resume and complete a job application (C001)	
				2. Develop a plan for finding a job (C002)	
				3. Describe how to apply and interview for a job (C003)	
				4. Describe the characteristics needed to develop desirable personal and social skills (C004)	
				5. Describe the importance and process of developing better human relationships (C005)	
				Other:	

3	2	1	N	Using the Missouri Farm Business Record Book (SAE Duty D)	Notes:
				1. Describe the two types of accounting methods (D001)	
				2. Complete the forms needed to open the Missouri Farm Business Record Book (D002)	
				3. Develop a projected cash flow (D003)	
				4. Record receipts and expenditures in the Missouri Farm Business Record Book (D004)	
				5. Complete additional records in the Missouri Farm Business Record Book (D005)	
				6. Complete the forms necessary to summarize the Missouri Farm Business Record Book (D006)	
				7. Analyze the farm business using the Missouri Farm Business Record Book (D007)	
				Other:	